

JFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): A. KURIYAMA, et al.

Group Art Unit: 2812

Serial No.: 10/735,062

Examiner: E. PERT

Filed: December 11, 2003

For: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449.

Copy(ies) of these references:

- ☒ Foreign Patent Applications, Foreign Patents and/or Other Non-Patent Documents are attached (Copies of cited U.S. Patents/Publications are not provided).
- ☐ Were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.
- ☐ This document is being filed within three (3) months of the filing date of the application
- ☒ Charge the requisite fee of \$180.00 to Deposit Account No. 13-4500, Order No. 1232-5237.
- ☐ This document is being concurrently filed with the above-identified application
- ☐ This document is being concurrently filed with an Request for Continued Examination (RCE)
- ☐ This document is being filed prior to a first Office Action
- ☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-5237. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

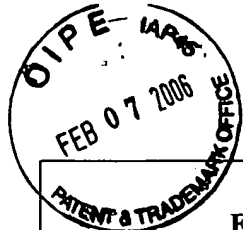
Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: February 7, 2006By: 

Eric G. Wright  
Registration No. 48,045

**Correspondence Address:**

MORGAN & FINNEGAN, L.L.P.  
3 World Financial Center  
New York, NY 10281-2101  
(212) 415-8700 Telephone  
(212) 415-8701 Facsimile



<b>FORM PTO-1449A</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 1232-5237	Serial No.: 10/735,062
	Applicant: A. KURIYAMA, et al.	
	Filing Date: December 11, 2003	Group Art Unit: 2812

### U.S. PATENT / PUBLICATION DOCUMENTS

Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
	1.	US 2005-0053773 A1	03-10-2005	Fukutani	
	2.	US 2004-0043208 A1	03-04-2004	Fukutani	
	3.	US 2004-0048092 A1	03-11-2004	Yasui	
	4.	US 2004-0033339 A1	02-19-2004	Fukutani	
	5.	6,602,620	08-05-2003	Kikitsu	
	6.	6,027,796	02-22-2000	Kondoh	
	7.				
	8.				
	9.				
	10.				
	11.				

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
	12.	2001-261376 A	09-26-2001	Japan	<input checked="" type="checkbox"/> Yes	Abstract o
	13.	2001-162600	06-19-2001	Japan	<input checked="" type="checkbox"/> Yes	Abstract
	14.	10-321834	12-04-1998	Japan	<input checked="" type="checkbox"/> Yes	Abstract
	15.	H09-157062 A	06-17-1997	Japan	<input checked="" type="checkbox"/> Yes	Abstract
	16.	WO 03/078688	09-25-2003	WIPO	<input checked="" type="checkbox"/> Yes	Abstract
	17.	WO 03/078687	09-25-2003	WIPO	<input checked="" type="checkbox"/> Yes	Abstract
	18.	WO 03/078685	09-25-2003	WIPO	<input checked="" type="checkbox"/> Yes	Abstract
	19.	WO 03/069677	08-21-2003	WIPO	<input checked="" type="checkbox"/> Yes	N/A

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



<b>FORM PTO-1449B</b> <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>	Attorney Docket: 1232-5237	Serial No.: 10/735,062
	Applicant: A. KURIYAMA, et al.	
	Filing Date: December 11, 2003	Group Art Unit: 2812

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	1.	RC. Furneaux, et al., The formation of controlled-porosity membranes from anodically oxidized aluminum; Nature, Vol. 333, p. 147, (1989)
	2.	Masuda, "Solid-state Physics", Vol. 31, p. 493, (1996)
	3.	X. Duan, et al., Indium Phosphide nanowires as building blocks for nanoscale electronic and optoelectronic devices; Nature, Vol. 409, p. 66, (2001)
	4.	M. Jacobs, et al., Unbalanced magnetron sputtered Si -Al Coatings: plasma conditions and film properties versus sample bias voltage; Surface and Coatings Technology, 116-119 (1999) pp. 735-741
	5.	C. D. Adams, et al., Transition from lateral to transverse phase separation during film co-deposition; Appl. Phys. Lett., 59 (20), 11 November 1991, 2535-2537
	6.	M. Atzmon, et al; Phase separation during film growth; J. Appl. Phys. 72 (2), 15 July 1992, 442-446
	7.	C. D. Adams, et al., Monte Carlo simulation of phase separation during thin-film codeposition; J. Appl. Phys. 74 (3), 1 August 1993, 1707-1715
	8.	C. D. Adams, et al; Phase separation during co-deposition of Al-Ge thin films; J. Mat Phys. Vol. 7, No. 3, p. 653-666 (1992)
	9.	
	10.	
	11.	
	12.	
	13.	
	14.	
	15.	
	16.	
	17.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*